



Edmore Public School  
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for  
February 20-24, 2023  
1<sup>st</sup> Hour, 8:40 – 9:32 AM**

	Monday (Feb 20)	Tuesday (Feb 21)	Wednesday (Feb 22)	Thursday (Feb 23)	Friday (Feb 24)
<b>Performance Standards</b>	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.
<b>Topic</b>	Unit Lab	Unit Lab	Unit Lab	Acids and Bases - Introduction	Acids and Bases - exploration
<b>Objectives</b>	<ul style="list-style-type: none"> <li>use stoichiometric concepts to perform experiment in determining the percentage yield</li> </ul>	<ul style="list-style-type: none"> <li>use stoichiometric concepts to perform experiment in determining the percentage yield</li> </ul>	<ul style="list-style-type: none"> <li>use stoichiometric concepts to perform experiment in determining the percentage yield</li> </ul>	<ul style="list-style-type: none"> <li>describe the distinctive properties of acids, bases and salts</li> </ul>	<ul style="list-style-type: none"> <li>describe the distinctive properties of acids, bases and salts</li> </ul>
<b>Bellringer</b>	(3 min) Acids	(3 min) Base	(3 min) Base	(3 min) Arrhenius acid	(3 min) Arrhenius Base
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>prelab introduction</li> <li>lab preparation</li> </ul>	<ul style="list-style-type: none"> <li>lab proper</li> </ul>	<ul style="list-style-type: none"> <li>lab proper</li> <li>post-lab procedure</li> <li>post lab discussion</li> </ul>	<ul style="list-style-type: none"> <li>Unit Introduction: overview of the unit</li> <li>Start-up activity: What does antacid do? (introduction laboratory)</li> <li>Analysis questions</li> </ul>	<ul style="list-style-type: none"> <li>Exploration: simulation activity in collision chemistry</li> <li>Complete Frayer model for the following words: strong acid, weak acid, strong base, weak base, (book reference: Section 1, What are acids and bases? Page 530-534)</li> <li>Direct Instruction: using powerpoint presentation, main concepts will be presented</li> <li>quiz</li> </ul>
<b>Assessment</b>	Lab rubric	Lab rubric	Lab rubric	Analysis questions	Worksheet, quiz
<b>Remarks</b>					

Prepared by:

Angelito M. Rivera  
Science Teacher